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<b>(21) International Application Number:</b> PCT/US99/08294 <b>(22) International Filing Date:</b> 15 April 1999 (15.04.99) <b>(30) Priority Data:</b> 60/081,867                      15 April 1998 (15.04.98)                      US 60/088,321                      5 June 1998 (05.06.98)                      US <b>(63) Related by Continuation (CON) or Continuation-in-Part (CIP) to Earlier Application</b> US    60/088,321 (CIP) Filed on    5 June 1998 (05.06.98) <b>(71) Applicant (for all designated States except US):</b> THE RE-SEARCH FOUNDATION OF STATE UNIVERSITY OF NEW YORK [US/US]; P.O. Box 9, Albany, NY 12201 (US). <b>(72) Inventors; and</b> <b>(75) Inventors/Applicants (for US only):</b> HEARING, Patrick [US/US]; 27 Thomas Hill Road, St. James, NY 11780 (US). SCHMID, Susanne, I. [DE/US]; Apartment 1, 2 Eliot Street, Somerville, MA 02143 (US). OSTAPCHUK, Philomena, H. [US/US]; 301 East Broadway, Port Jefferson,		NY 11777 (US). ERTURK, Ece [TR/US]; Apartment 11, 30 Chandler Square, Port Jefferson, NY 11777 (US). <b>(74) Agents:</b> RICHTER, Kurt, E. et al.; Morgan & Finnegan, L.L.P., 345 Park Avenue, New York, NY 10154 (US). <b>(81) Designated States:</b> AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). <b>Published</b> <i>Without international search report and to be republished upon receipt of that report.</i>
<b>(54) Title:</b> SELECTIVE REGULATION OF ADENOVIRUS PRODUCTION		
<b>(57) Abstract</b> <p>The present invention relates to adenovirus vectors and their use in DNA delivery systems. The vectors have been designed to maximize their capacity to carry foreign DNA and to minimize the potential of producing replication competent virus. The vectors contain one or more copies of a minimum packaging sequence to direct virus packaging. Optionally, the vectors contain one or more repressor binding sites so that virion production can be selectively inhibited. Specific repression systems include COUP-TF and <i>lac</i> repressor. A cellular complex, called P complex is also disclosed. This complex functions positively in viral packaging and virus production.</p>		